

## INTERNATIONAL SEARCH REPORT

Internal Application No

PCT/GB 03/01291

**A. CLASSIFICATION OF SUBJECT MATTER**

IPC 7 C07C237/10 C07C237/16 C07C271/22 C07D295/12 C12N15/87  
A61K48/00

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C07C C07D C12N A61K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, BEILSTEIN Data, CHEM ABS Data

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 00 77032 A (GUEDAT PHILIPPE ;CAMILLERİ PATRICK (GB); UNIV CAMBRIDGE TECH (GB);) 21 December 2000 (2000-12-21) cited in the application examples	1-30
A	WO 00 27795 A (LIFE TECHNOLOGIES INC) 18 May 2000 (2000-05-18) cited in the application page 32 -page 36	1-30
A	US 5 744 335 A (FRITZ JEFFERY ET AL) 28 April 1998 (1998-04-28) column 2, line 6 -column 5, line 34	1-30
		-/-

 Further documents are listed in the continuation of box C. Patent family members are listed in annex.

## \* Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the International filing date
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- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the International filing date but later than the priority date claimed

- "T" later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
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- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
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Date of the actual completion of the International search

22 August 2003

Date of mailing of the International search report

04/09/2003

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

O'Sullivan, P

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	MCGREGOR, C ET AL: "Rational approach to the design of cationic gemini surfactants for Gene delivery" JOURNAL OF THE AMERICAN CHEMICAL SOCIETY., vol. 123, no. 26, 2001, pages 6215-6220, XP002252235 AMERICAN CHEMICAL SOCIETY, WASHINGTON, DC., US ISSN: 0002-7863 schemes 1 and 2 -----	1-30

## INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No  
PCT/GB 03/01291

Patent document cited in search report	Publication date	Patent family member(s)		Publication date
WO 0077032	A 21-12-2000	AU 5690400 A		02-01-2001
		EP 1187806 A2		20-03-2002
		WO 0077032 A2		21-12-2000
		JP 2003504311 T		04-02-2003
WO 0027795	A 18-05-2000	AU 1477600 A		29-05-2000
		CA 2350882 A1		18-05-2000
		EP 1129064 A1		05-09-2001
		JP 2002529439 T		10-09-2002
		WO 0027795 A1		18-05-2000
US 5744335	A 28-04-1998	US 6180784 B1		30-01-2001